

BUILDING DIVISION

PLAN CHECK NOTE

From: Building Plan Check

PCN # 25

Effective Date: 10-27-2008

Subject: Security doors equipped with non-complying delayed egress locks

Code reference:

2007 California Building Code, Sec. 1008.1.8.6

Findings:

For security reasons, special locking arrangements are permitted for doors serving occupancies other than those in Groups A, E, and H. The doors equipped with delayed egress locks shall be comply with the 2007 CBC Sec. 1008.1.8.6. Other non-complying special locking doors may be considered as an Alternative Materials and Methods of Construction; however, to qualify, it shall provide the following safety components and fire protection features:

- 1) An additional code compliant exit door shall be provided immediately adjacent to the security door system. The means of egress system for the space under consideration shall not be dependent upon the security door system.
- 2) The security doors shall be designed to automatically unlock upon actuation of the building code compliant egress doors, and upon actuation of an automatic sprinkler system, or automatic fire detection system, or building fire alarm system. The doors shall remain unlocked until the egress doors and systems have been reset.
- 3) The security doors shall be designed to automatically unlock upon loss of power to the access control system or in the building.
- 4) The security doors shall be arranged to unlock from the outside of building using an approved manual unlocking device located 40 inches to 48 inches vertically above the floor and within 5 feet of the secured doors. Ready access shall be provided to the manual unlocking device (Knox key system) for the emergency responders.
- 5) The security doors shall have the capability of being unlocked by a signal from a switch located in an approved location.
- 6) Emergency lighting shall be provided at the door.
- 7) The system shall be disabled after business hours and shall have the capability to enable the occupant to exit from the inside of the security chambers.
- 8) The system shall have voice communication capability to enable the occupant to communicate with an attendant.
- 9) The system and components shall comply with all of the requirements of the accessibility per CBC Ch. 11B.